



Determine the number that correctly fills in the blank in the function machine.

Answers

1)

| Input | Output |
|-------|--------|
| 10 | 14 |
| 5 | 9 |
| | 11 |
| 4 | 8 |
| 2 | 6 |

2)

| Input | Output |
|-------|--------|
| 32 | 4 |
| 16 | 2 |
| | 10 |
| 72 | 9 |
| 40 | 5 |

3)

| Input | Output |
|-------|--------|
| 70 | 7 |
| 90 | |
| 40 | 4 |
| 60 | 6 |
| 80 | 8 |

4)

| Input | Output |
|-------|--------|
| 80 | |
| 56 | 7 |
| 72 | 9 |
| 48 | 6 |
| 40 | 5 |

5)

| Input | Output |
|-------|--------|
| 15 | 4 |
| 13 | 2 |
| 21 | |
| 18 | 7 |
| 16 | 5 |

6)

| Input | Output |
|-------|--------|
| 12 | 7 |
| 9 | 4 |
| 14 | 9 |
| 10 | |
| 7 | 2 |

7)

| In | 63 | 27 | 45 | 36 |
|-----|----|----|----|----|
| Out | 7 | 3 | 5 | |

8)

| In | 3 | 7 | 5 | 4 |
|-----|----|----|---|----|
| Out | 12 | 16 | | 13 |

9)

| In | 9 | 7 | 10 | 5 |
|-----|---|----|----|----|
| Out | | 35 | 50 | 25 |

10)

| In | 6 | 4 | 7 | 8 |
|-----|----|---|----|----|
| Out | 26 | | 27 | 28 |

11)

| In | 17 | 19 | 13 | 18 |
|-----|----|----|----|----|
| Out | 6 | 8 | | 7 |

12)

| In | 7 | 3 | 6 | 4 |
|-----|----|---|---|---|
| Out | 10 | 6 | 9 | 7 |

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



Determine the number that correctly fills in the blank in the function machine.

1)

| Input | Output |
|-------|--------|
| 10 | 14 |
| 5 | 9 |
| 7 | 11 |
| 4 | 8 |
| 2 | 6 |

Rule: Add 4

2)

| Input | Output |
|-------|--------|
| 32 | 4 |
| 16 | 2 |
| 80 | 10 |
| 72 | 9 |
| 40 | 5 |

Rule: Div by 8

3)

| Input | Output |
|-------|--------|
| 70 | 7 |
| 90 | 9 |
| 40 | 4 |
| 60 | 6 |
| 80 | 8 |

Rule: Div by 10

4)

| Input | Output |
|-------|--------|
| 80 | 10 |
| 56 | 7 |
| 72 | 9 |
| 48 | 6 |
| 40 | 5 |

Rule: Div by 8

5)

| Input | Output |
|-------|--------|
| 15 | 4 |
| 13 | 2 |
| 21 | 10 |
| 18 | 7 |
| 16 | 5 |

Rule: Sub 11

6)

| Input | Output |
|-------|--------|
| 12 | 7 |
| 9 | 4 |
| 14 | 9 |
| 10 | 5 |
| 7 | 2 |

Rule: Sub 5

7)

| In | 63 | 27 | 45 | 36 |
|-----|----|----|----|----|
| Out | 7 | 3 | 5 | 4 |

Rule: Div by 9

8)

| In | 3 | 7 | 5 | 4 |
|-----|----|----|----|----|
| Out | 12 | 16 | 14 | 13 |

Rule: Add 9

9)

| In | 9 | 7 | 10 | 5 |
|-----|----|----|----|----|
| Out | 45 | 35 | 50 | 25 |

Rule: Mult by 5

10)

| In | 6 | 4 | 7 | 8 |
|-----|----|----|----|----|
| Out | 26 | 24 | 27 | 28 |

Rule: Add 20

11)

| In | 17 | 19 | 13 | 18 |
|-----|----|----|----|----|
| Out | 6 | 8 | 2 | 7 |

Rule: Sub 11

12)

| In | 7 | 3 | 6 | 4 |
|-----|----|---|---|---|
| Out | 10 | 6 | 9 | 7 |

Rule: Add 3

Answers1. 72. 803. 94. 105. 106. 57. 48. 149. 4510. 2411. 212. 8